



## McDowell County

Contaminant	Number of wells tested	Minimum	Maximum	Average	<a href="#">Maximum Contaminant Level (MCL)</a> * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
<a href="#">1,2-Dibromomethane</a>	8	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
<a href="#">1,2-Dichloropropane</a>	8	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Arsenic</a>	631	0.5	93	1.9	10	µg/L	5	0.79%		
<a href="#">Barium</a>	337	50	50	50	2,000	µg/L	0	0.00%		
<a href="#">Benzene</a>	8	0.25	0.25	0.25	5	µg/L	0	0.00%		
<a href="#">Cadmium</a>	336	0.5	5	0.6	5	µg/L	0	0.00%		
<a href="#">Chromium</a>	336	0.5	40	5.2	100	µg/L	0	0.00%		
<a href="#">cis-1,2-Dichloroethene (c-DCE)</a>	Not Tested	0	0	0	70	µg/L	0	Not Tested		
<a href="#">Copper</a>	631	25	4,420.00	69.10	1,300*	µg/L	4	0.63%		
<a href="#">Ethylbenzene</a>	14	0.25	0.25	0.25	700	µg/L	0	0.00%		
<a href="#">Fluoride</a>	803	100	3,150.00	300.50	4,000*	µg/L	0	0.00%		
<a href="#">Iron</a>	630	10	41,450.00	501.90	300*	µg/L	146	23.17%		
<a href="#">Isopropyl Ether</a>	8	0.25	0.25	0.25	No drinking water standard	µg/L				
<a href="#">Lead</a>	651	2.5	974	8	15	µg/L	36	5.53%		
<a href="#">Magnesium</a>	631	2,000	2,100.00	2,033.50	No drinking water standard	µg/L				
<a href="#">Manganese</a>	631	15	1,780.00	40.80	50*	µg/L	90	14.26%		

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
<a href="#">Mercury</a>	321	0.3	0.3	0.3	2	µg/L	0	0.00%		
<a href="#">Methyl tertiary butyl ether (MTBE)</a>	Not Tested	0	0	0	20* (recommended taste and odor threshold)	µg/L	0	Not Tested		
<a href="#">Nitrate</a>	406	500	8,410.00	663.80	10,000	µg/L	0	0.00%		
<a href="#">Nitrite</a>	435	50	50	50	1,000	µg/L	0	0.00%		
<a href="#">pH</a>	629	5.2	8.5	6.8504	6.5-8.5*	standard units	0	0.00%	164	26.07%
<a href="#">Selenium</a>	335	2.5	40	2.8	50	µg/L	0	0.00%		
<a href="#">Silver</a>	337	25	25	25	100*	µg/L	0	0.00%		
<a href="#">Sodium</a>	319	1,000	850,000.00	24,258.20	No drinking water standard	µg/L				
<a href="#">Tetrachloroethylene (PCE)</a>	Not Tested	0	0	0	5	µg/L	0	Not Tested		
<a href="#">Toluene</a>	Not Tested	0.25	0.25	0.25	1,000	µg/L	0	Not Tested		
<a href="#">trans-1,2-Dichloroethene (t-DCE)</a>	Not Tested	0	0	0	100	µg/L	0	Not Tested		
<a href="#">Trichloroethylene (TCE)</a>	Not Tested	0	0	0	5	µg/L	0	Not Tested		
<a href="#">Vinyl chloride</a>	Not Tested	0	0	0	2	µg/L	0	Not Tested		
<a href="#">Xylenes (Total)</a>	8	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
<a href="#">Zinc</a>	630	25	24,370.00	227.30	5,000*	µg/L	6	0.95%		

\* **Secondary MCL:** Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.<sup>8</sup> The **Secondary Maximum Contaminant Level (SMCL)** is a non-enforceable standard for secondary contaminants in drinking water. SMCLs may be based upon a contaminant's likelihood to cause changes to the taste, odor, or color of drinking water, or, may be based on the likelihood of the contaminant to cause technical changes such as damage to water fixtures or an increased availability of other contaminants in drinking water.<sup>8</sup>

Tracking and Analyzing Contaminants (TrAC) in Private Well Water in NC

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